

[illegible]

The present invention provides a method for typing of alleles of the Minor Histocompatibility Antigen HA-1 in a sample. The method comprises: a) contacting the genomic polynucleic acids in the sample with at least one pair of primers, whereby the 5'- and/or the 3' - primer of the at least one pair of primers specifically hybridize to target regions comprising polymorphic nucleotides in the alleles, and performing an amplification reaction; b) for each of the at least one pair of primers detecting whether or not in step a) an amplification product is formed; c) inferring from the result of step b) which HA-1 allele is present in the sample. The present invention also provides a method for genomic typing of alleles of the Minor Histocompatibility Antigen HA-1 in a sample. This method comprises: a) amplifying a fragment of the alleles, with the fragment comprising at least one polymorphic nucleotide, by use of at least one pair of primers specifically hybridizing to conserved target region comprising one or more polymorphic nucleotides in the allele; c) inferring from the result of step b) which HA-1 allele is present in the sample. In addition, the present invention provides primers and probes for use in the above-mentioned methods. Diagnostic kits enabling the methods are also provided.